

I Claim:

1. A multiple-function hanging and fastening device, comprising:

a set of upper casing and lower casing that are selectively separated and assembled;

5 the upper casing being shaped like a disc, having a through hole at a center thereof, inside of the through hole being a protruded block protruding toward the center, the upper casing forming a depressed groove for accommodating a magnet;

the lower casing being shaped like a disc, but facing a direction opposite to the upper casing, having a through hole at a center thereof, the lower casing forming
10 a depressed groove for accommodating a rubber sucker set, the rubber sucker set comprising:

a rubber sucker, having a screw bolt at a center thereof, one end extending out of the rubber sucker;

15 a brake block, one end having a thread hole matching the screw bolt, an inside of a top end of the brake block having a tapered face, the tapered face having a brake groove at an end thereof, the rubber sucker having a screw bolt extended through a through hole on the lower casing, and selectively screwed into a thread hole at one end of the brake block, tightening the rubber sucker and the
20 brake block onto the lower casing;

the present invention permitting the user to selectively attach either side of the multiple-function hanging and fastening device onto a smooth surface of a glass panel or a metal panel, using the magnet or the rubber sucker.

2. The multiple-function hanging and fastening device of claim 1, wherein, when

the upper casing and the lower casing are combined, the tapered face inside the top end of the brake block is in mesh with a protruded block inside the center hole of the upper casing, turning of the upper casing and lower casing will create a dislocation of the tapered face to stop at the brake groove, pulling up
5 the rubber sucker, to combine the upper and lower casings and strengthen sucking power of the rubber sucker.

3. The multiple-function hanging and fastening device of claim 1, wherein, accessories to be inserted between the upper and lower casings include hanging hook, Velcro band, wire bundling band, signboard and multiple-gripping palm
10 figure, the accessories in all the embodiments having a bore.

4. The multiple-function hanging and fastening device of claim 1, wherein, on an outside of the lower casing is installed two to four pieces of extended tightening blocks, each tightening block having a tightening hole to be inserted by a screw bolt to tighten the multiple-function hanging and fastening device on a regular
15 wall surface.

5. The multiple-function hanging and fastening device of claim 1, wherein, the structure can also be made on a single side of casing, to include simultaneously the embodiments of the magnet and the rubber sucker, at a center of one side of the casing being a depressed groove for accommodating the rubber sucker, on
20 two sides being a depressed groove for accommodating the magnet, permitting simultaneous attachment of the rubber sucker and the magnet, to upgrade the rubber sucker structure, and reinforce its suction effects, the hole on the casing enabling direct tightening by a screw bolt on a surface of an ordinary object.

6. The multiple-function hanging and fastening device of claim 5, wherein, a center of the casing having a through hole for an end of a moving block to penetrate the hole, the rubber sucker having an extended rod, and is selectively fixed onto a center hole of the moving block and combined with the moving
5 block as one unit, and, one end of the moving block is provided with a thread hole permitting a screw bolt of a nut outside the casing to insert into the thread hole, to pull up the rubber sucker in a proper way.
7. The multiple-function hanging and fastening device of claim 5, wherein, a hanging hook and selectively a wire clip can be inserted between the casing and
10 the nut, the hanging hook and the wire clip having a through hole penetrated and tightened by the screw bolt of the nut.
8. The multiple-function hanging and fastening device of claim 1, wherein, a same side of the casing is provided with a structure of a magnet and a rubber sucker, and in another embodiment, on an arch casing, in addition to a rubber sucker
15 and a magnet, one side of the arch casing having a turning rod, on the arch casing and matching the rubber sucker is provided with a center hole, a hanging hook can be fixed on the rubber sucker.
9. The multiple-function hanging and fastening device of claim 8, wherein, the hanging hook has a shaft hole, combined with a shaft rod on the turning rod,
20 thereby when the turning rod turns in a horizontal direction and is combined with the arch casing, the protruded block on an end of the turning rod will pull up the rubber sucker.

10. The multiple-function hanging and fastening device of claim 8, wherein, the hanging hook has a thread hole, and selectively a carrier to be inserted by a screw bolt to fasten the foregoing accessories.

11. The multiple-function hanging and fastening device of claim 8, wherein, any
5 accessory refers to a palm figure accessory with a gripping function, buried inside the palm figure accessory being a metal wire, permitting its finger bendable into a hook or grip shape, providing hanging functions for key rings, wire clips, computer peripherals, car appliances, kitchen ware, bathroom utensils, hand-held cell phones, tea cups, mirrors, public notices, signboards,
10 etc.